

ABSTRACT

A device is provided with: a counter 11 for measuring a period of time from turning on an electronic apparatus 1 to receiving via a network 3 a first network event that occurs after turning on the electronic apparatus 1; and a value determining section 12 for determining a value of an initial random number on the basis of the time information obtained by the counter 11. In this device, an initial random number for random numbers is generated utilizing the fact that the first network event is received in a "random" period of time after turning on the electronic apparatus 1. In addition, since existing electronic apparatuses are generally provided with various devices including the counter 11 and a CPU with the value determining section 12, an initial random number for random numbers can be generated utilizing an existing hardware configuration.